

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	("5348074"   "5511606"   "6371197"   "6427758"   "6491088"   "6533024"   "6701999"   "6880616"   "6883586"   "7025118"   "7069974").PN.	USPAT	OR	OFF	2011/06/29 12:29
S2	7	("5577548"   "5853043"   "6102101"   "6612364"   "6701999"   "6712123").PN. OR ("7069974").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:32
S3	6	("5577548"   "5853043"   "6102101"   "6612364"   "6701999"   "6712123").PN. OR ("7025118").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:32
S4	3	("4544015"   "6145575"   "6568460").PN. OR ("6883586").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:34
S5	4	("5488987"   "5734329"   "5974056"   "5988259").PN. OR ("6880616").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:34

S6	13	("3891025"   "4030533"   "4953614"   "5152334"   "5488987"   "5771957"   "5853043"   "5941299"   "6044895"   "6102101").PN. OR ("6701999").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:34
S7	2	("5511606"   "6209619").PN. OR ("6533024").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:35
S8	1	("4056140").PN. OR ("6491088").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:35
S9	8	("3344841"   "3478808"   "4588020"   "4949777"   "5350009").PN. OR ("6427758").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:36
S10	6	("5348074"   "5433265"   "6199621").PN. OR ("6371197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:36
S11	7	("5287912"   "5339887").PN. OR ("5511606").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:37
S12	16	("3891025"   "3946798"   "4056140").PN. OR ("5348074").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/29 12:37
S13	508	(164/452).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 12:39
S14	364	(164/454).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 13:05
S15	329	(164/484).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 13:24
S16	258	(164/413).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 13:40
S17	211	(164/154.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 13:55

S18	101	(164/154.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:09
S19	70649	"164".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:16
S20	29502	b22d011/\$.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:17
S21	87367	S19 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:17
S22	7560	S21 and ((continuous\$2 near3 cast\$3) near10 (strand\$1 or slab\$1 or ingot\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:17
S23	2154	S21 and ((continuous\$2 near3 cast\$3) near10 (strand\$1 or slab\$1 or ingot\$1) near10 (molten or melt or liquid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:17
S24	240	S21 and ((continuous\$2 near3 cast\$3) near10 (strand\$1 or slab\$1 or ingot\$1) near10 (molten or melt or liquid) near20 (roll\$1 or roller\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:18
S25	103	S21 and ((continuous\$2 near3 cast\$3) near10 (strand\$1 or slab\$1 or ingot\$1) near10 (molten or melt or liquid) near20 (roll\$1 or roller\$1) near50 (solidif\$7 or shell\$1 or core\$1 or sump \$1 or tip\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:18

S26	34	S21 and ((continuous\$2 near3 cast\$3) near10 (strand\$1 or slab\$1 or ingot\$1) near10 (molten or melt or liquid) near20 (roll\$1 or roller\$1) near50 (control\$4 or detect\$3 or determin\$6 or sens\$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:30
S27	12	S21 and (cast\$3 near10 (strand\$1 or slab\$1 or ingot\$1 or billet\$1) near20 (tundish\$2 or ladle \$1 or teem\$3) near20 (molten or melt or liquid) near50 (roll\$1 or roller\$1) near100 (control\$4 or detect\$3 or determin\$6 or sens\$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:34
S28	166	S21 and (cast\$3 near10 (strand\$1 or slab\$1 or ingot\$1 or billet\$1) near20 (tundish\$2 or ladle \$1 or teem\$3) near20 (molten or melt or liquid) near50 (control\$4 or detect\$3 or determin\$6 or sens\$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:35
S29	141	S21 and (cast\$3 near5 (strand\$1 or slab\$1 or ingot\$1 or billet\$1) near20 (tundish\$2 or ladle \$1 or teem\$3) near20 (molten or melt or liquid) near20 (control\$4 or detect\$3 or determin\$6 or sens\$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:36

S30	87	((continuous\$2 near3 cast\$3) near5 (strand\$1 or slab\$1 or ingot\$1 or billet \$1) near20 (tundish \$2 or ladle\$1 or teem\$3) near20 (molten or melt or liquid) near20 (control\$4 or detect \$3 or determin\$6 or sens\$3 or measur \$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 14:47
S31	4	((continuous\$2 near3 cast\$3) near5 (strand\$1 or slab\$1 or ingot\$1 or billet \$1) near20 (tundish \$2 or ladle\$1 or teem\$3) near20 (solidification) near20 (control\$4 or detect\$3 or determin\$6 or sens \$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 16:16
S32	135	((continuous\$2 near3 cast\$3) near5 (strand\$1 or slab\$1 or ingot\$1 or billet \$1) near20 (solidification) near20 (control\$4 or detect\$3 or determin\$6 or sens \$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 16:17
S33	336	((cast\$3) near5 (strand\$1 or slab\$1 or ingot\$1 or billet \$1) near20 (solidification) near20 (control\$4 or detect\$3 or determin\$6 or sens \$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 16:40

S34	51	((cast\$3) near10 (roll\$1 or roller\$1 or segment\$1) near10 (strand\$1 or slab\$1 or ingot\$1 or billet\$1) near20 (solidification) near20 (control\$4 or detect\$3 or determin\$6 or sens \$3 or measur\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/29 16:41
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